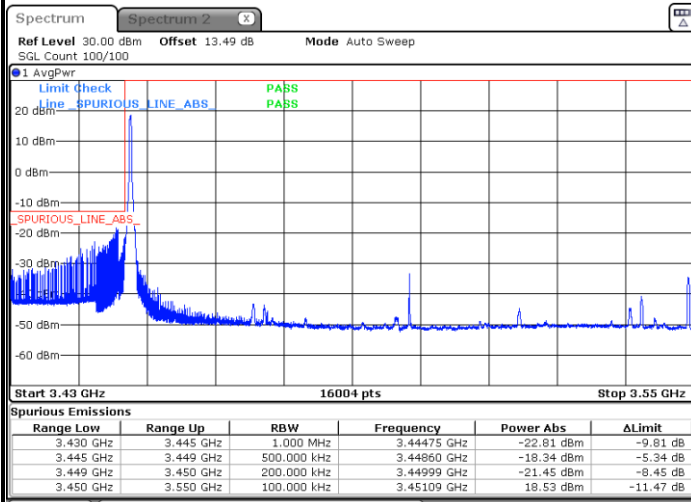


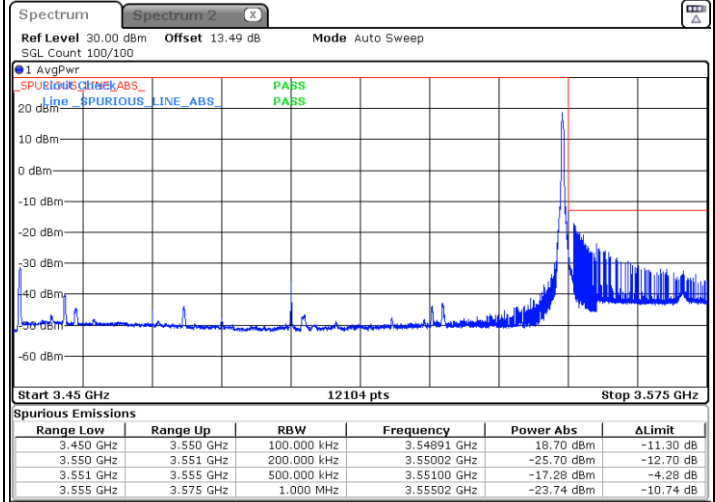


FR1 n78 / 100MHz / DFT-S OFDM / QPSK

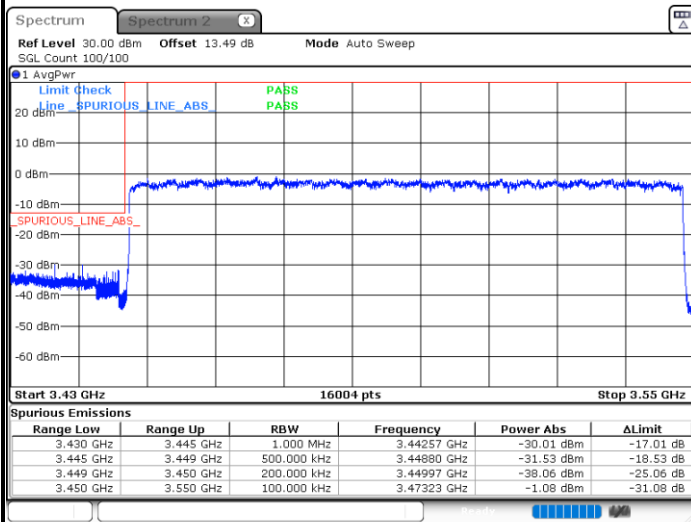
Lowest Band Edge / 1RB0



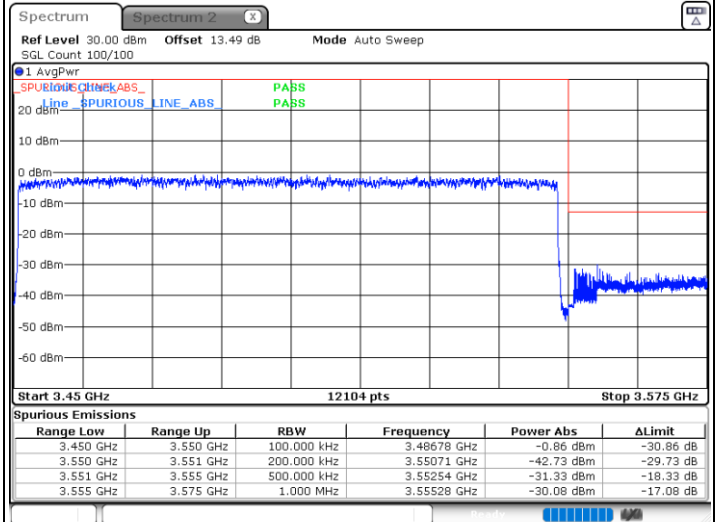
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



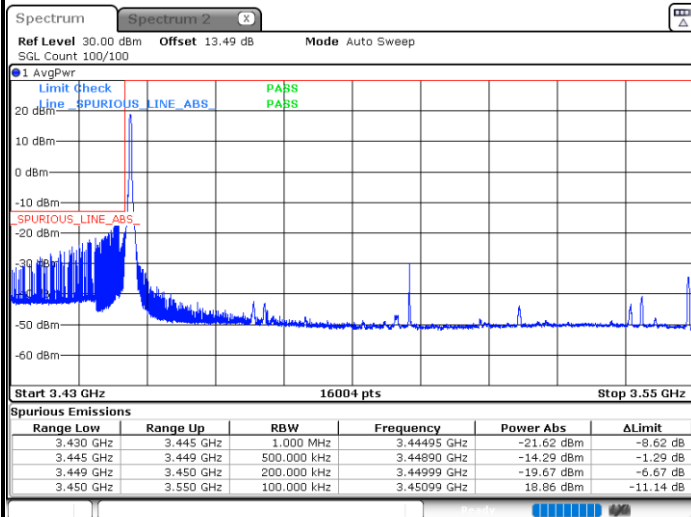
Highest Band Edge / Full RB



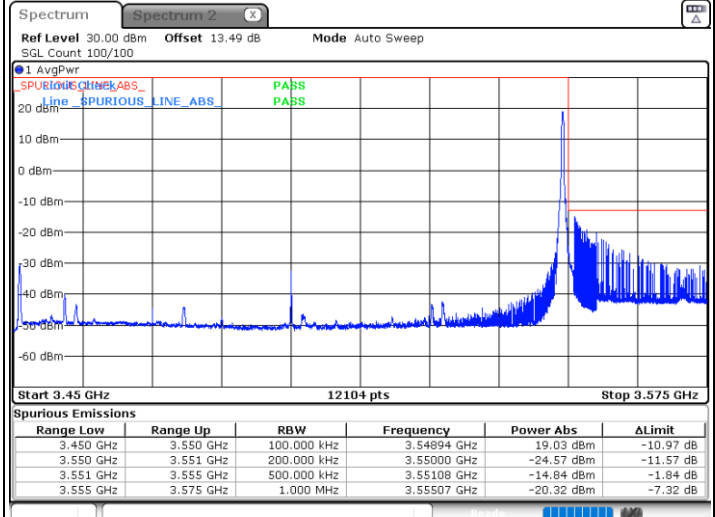


FR1 n78 / 100MHz / DFT-S OFDM / 16Q

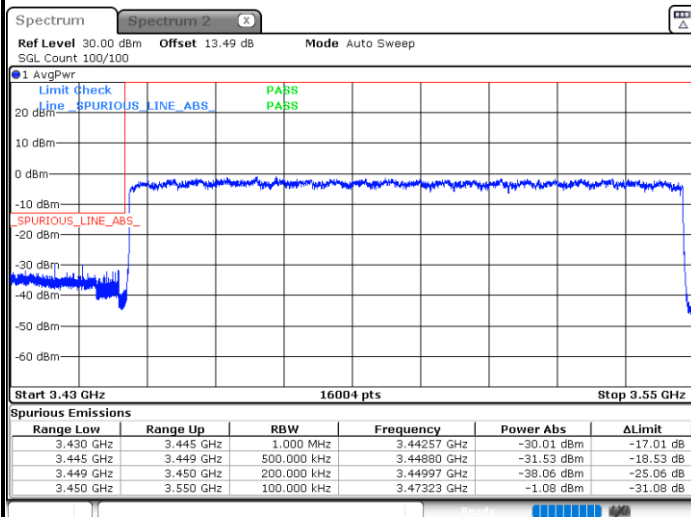
Lowest Band Edge / 1RB0



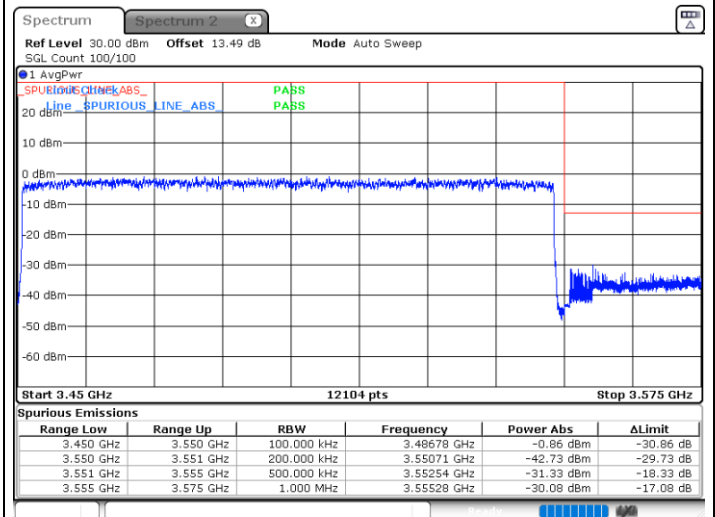
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



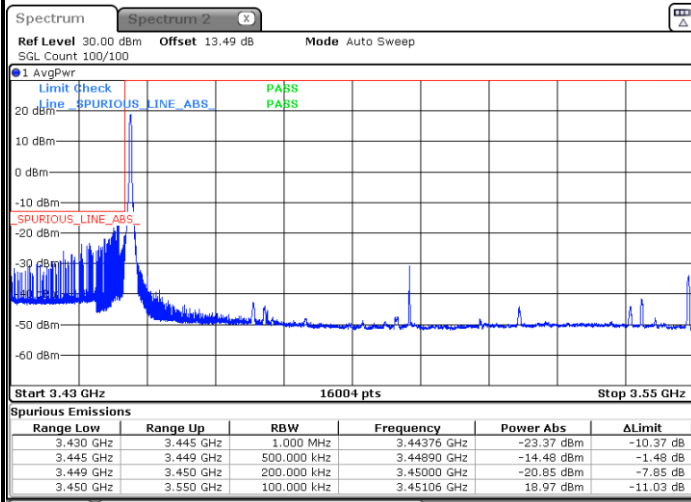
Highest Band Edge / Full RB



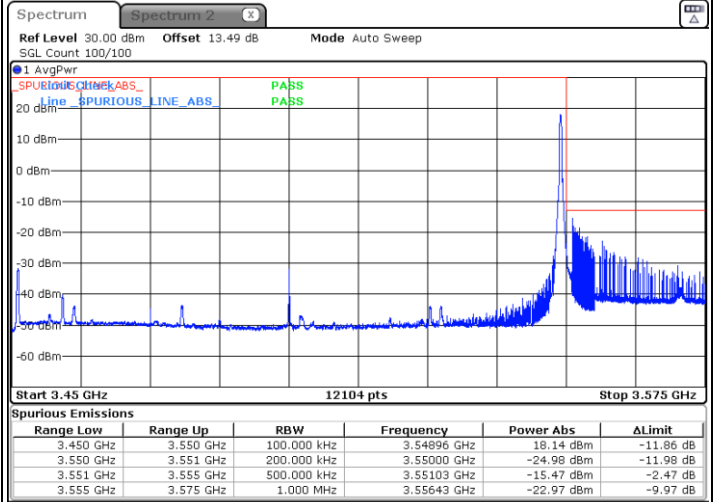


FR1 n78 / 100MHz / DFT-S OFDM / 64Q

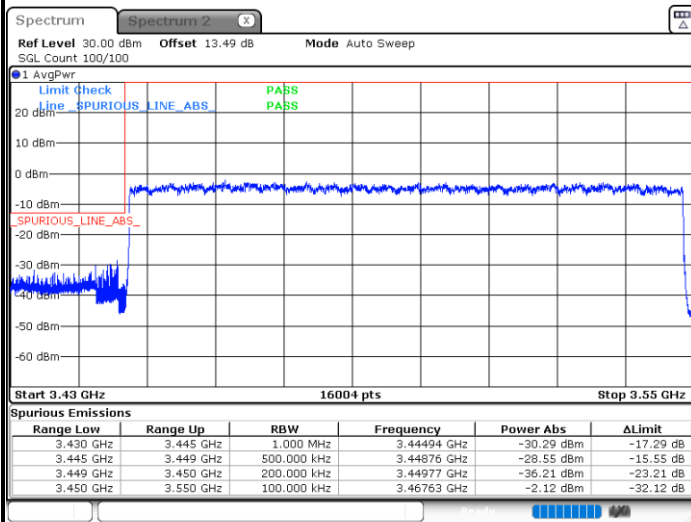
Lowest Band Edge / 1RB0



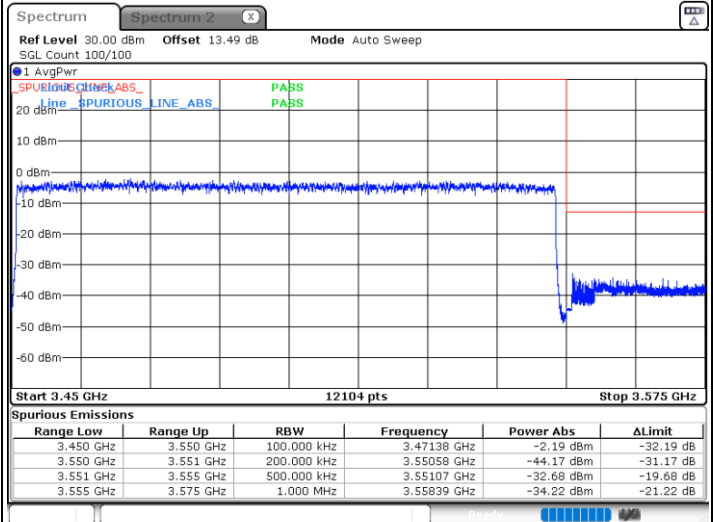
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



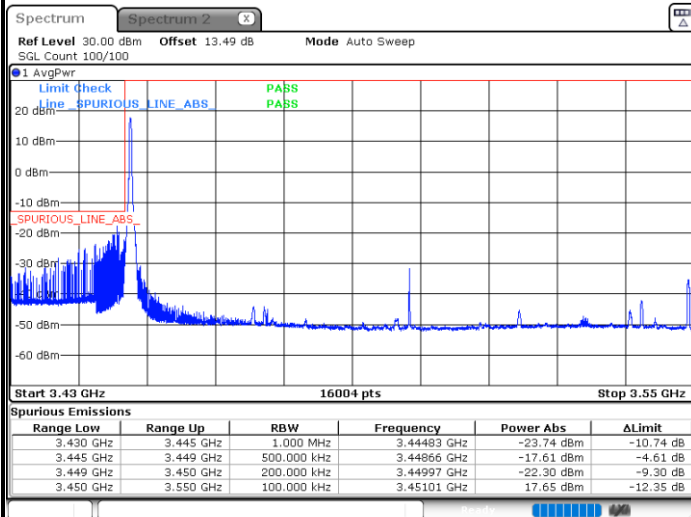
Highest Band Edge / Full RB



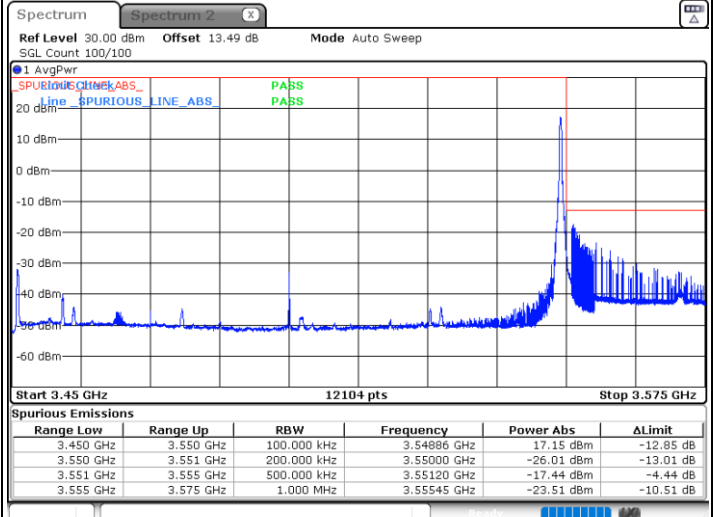


FR1 n78 / 100MHz / DFT-S OFDM / 256Q

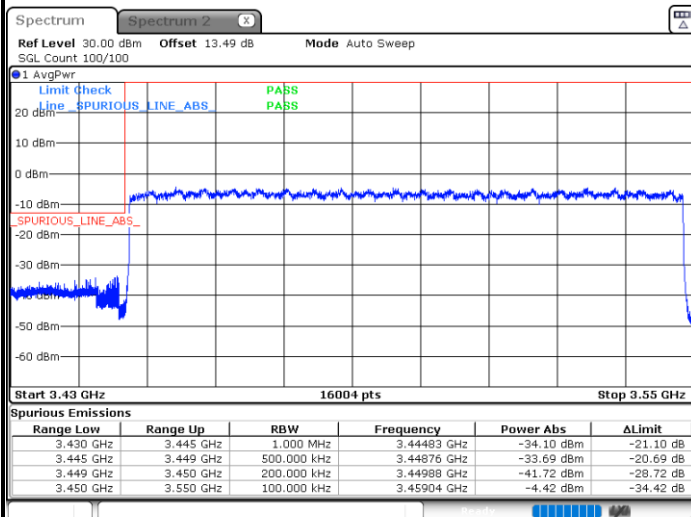
Lowest Band Edge / 1RB0



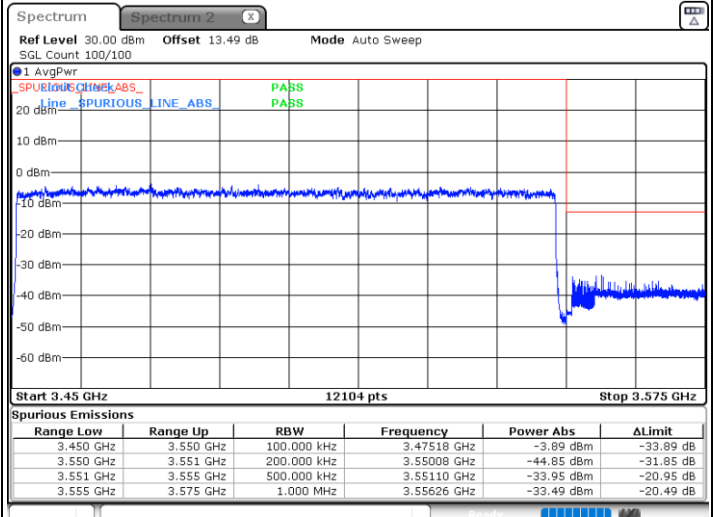
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

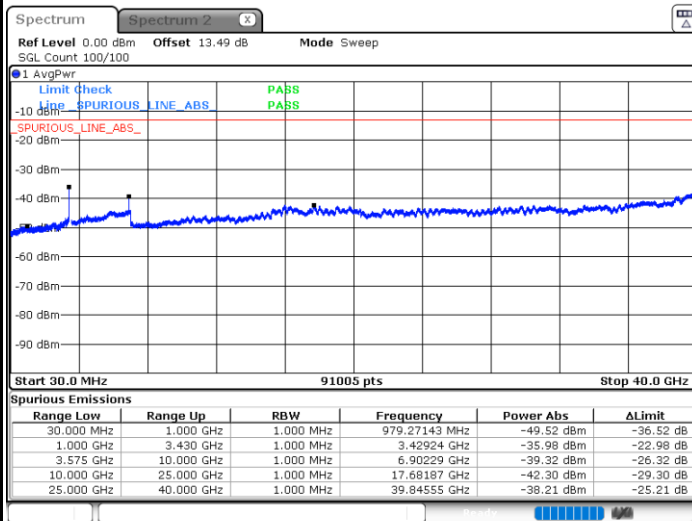




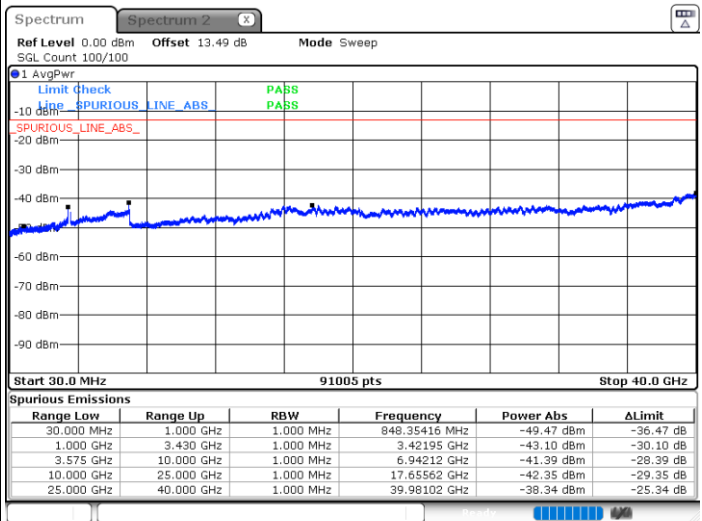
Conducted Spurious Emission

FR1 n78 / 60MHz / DFT-S OFDM / QPSK

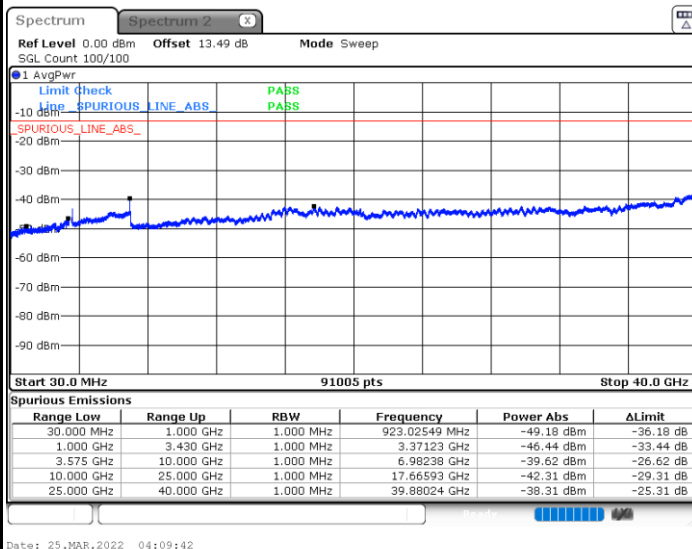
Lowest Channel / 1RB1



Middle Channel / 1RB1



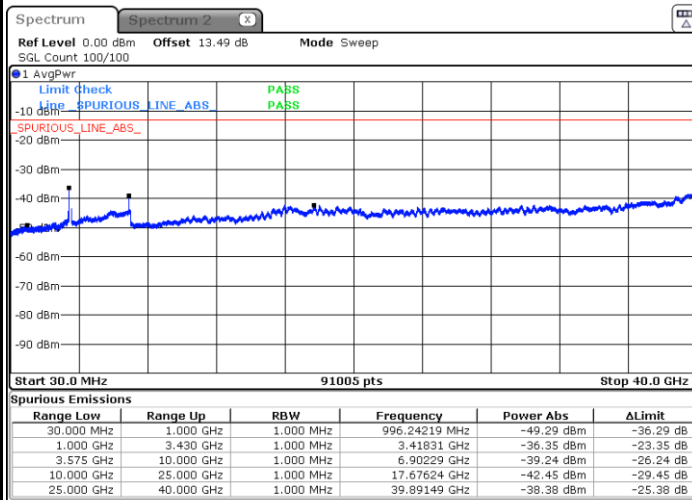
Highest Channel / 1RB1



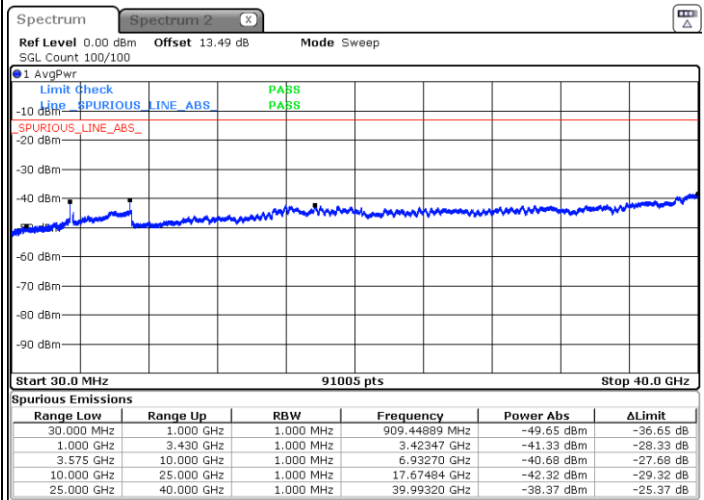


FR1 n78 / 70MHz / DFT-S OFDM / QPSK

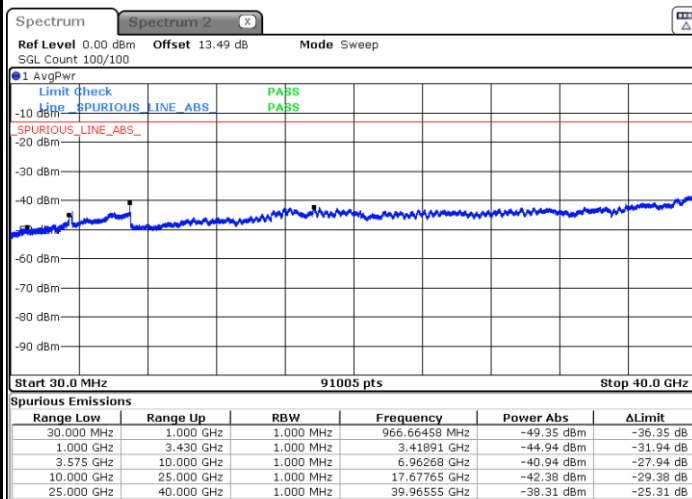
Lowest Channel / 1RB1



Middle Channel / 1RB1



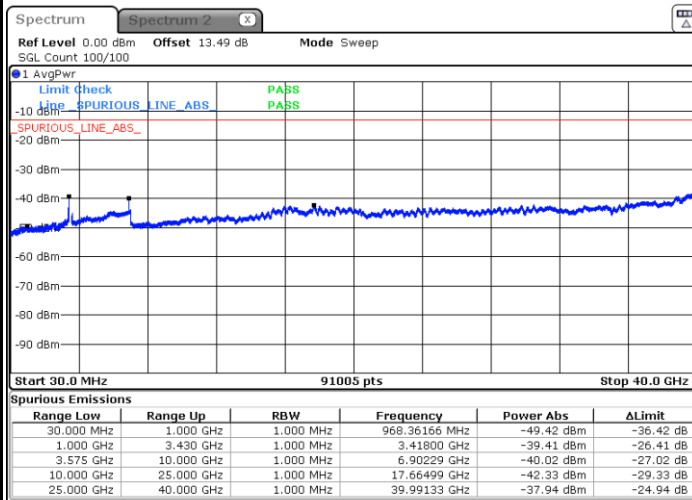
Highest Channel / 1RB1



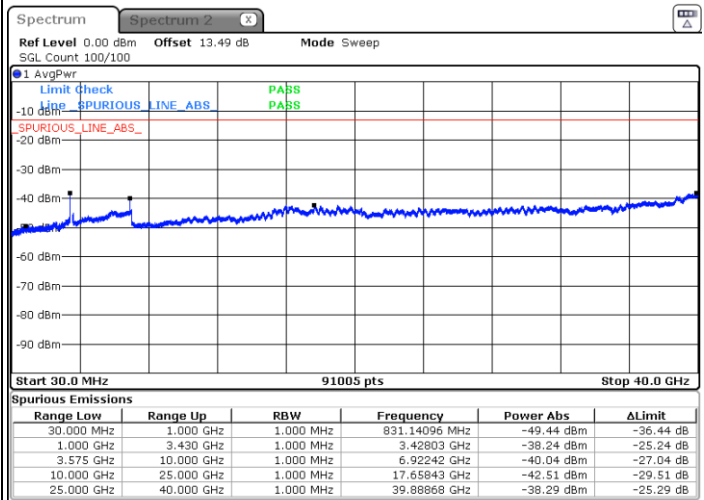


FR1 n78 / 80MHz / DFT-S OFDM / QPSK

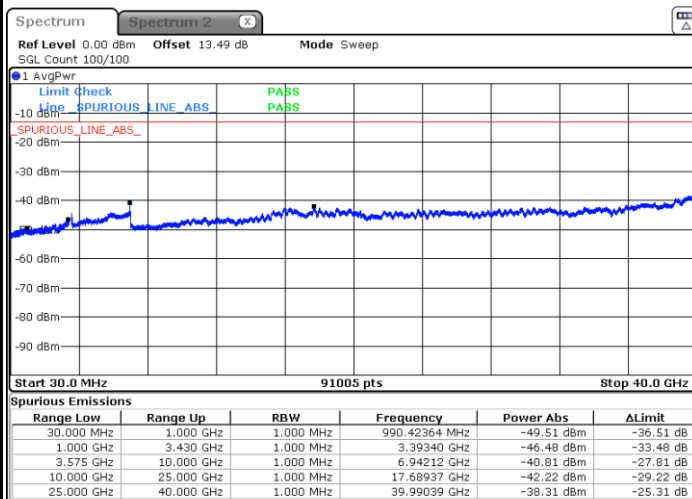
Lowest Channel / 1RB1



Middle Channel / 1RB1



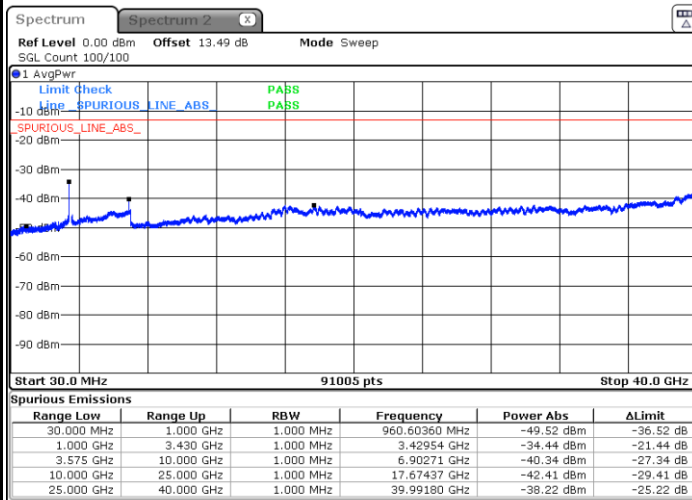
Highest Channel / 1RB1



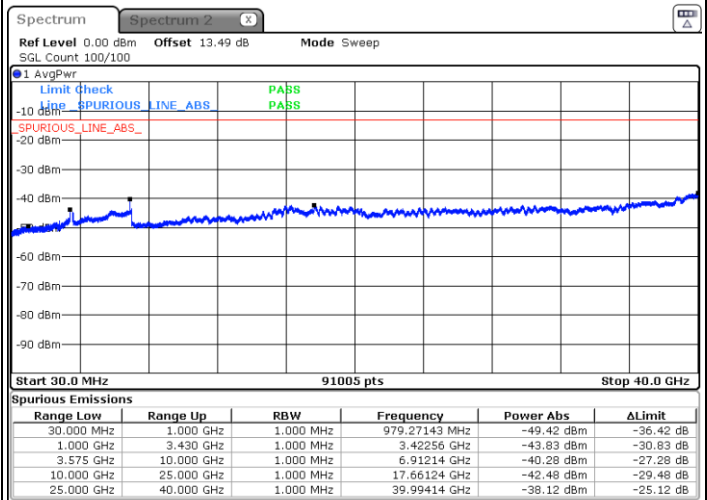


FR1 n78 / 90MHz / DFT-S OFDM / QPSK

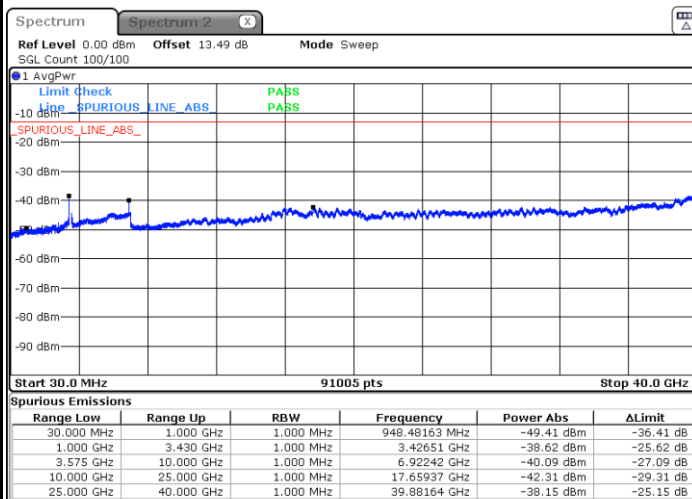
Lowest Channel / 1RB1



Middle Channel / 1RB1



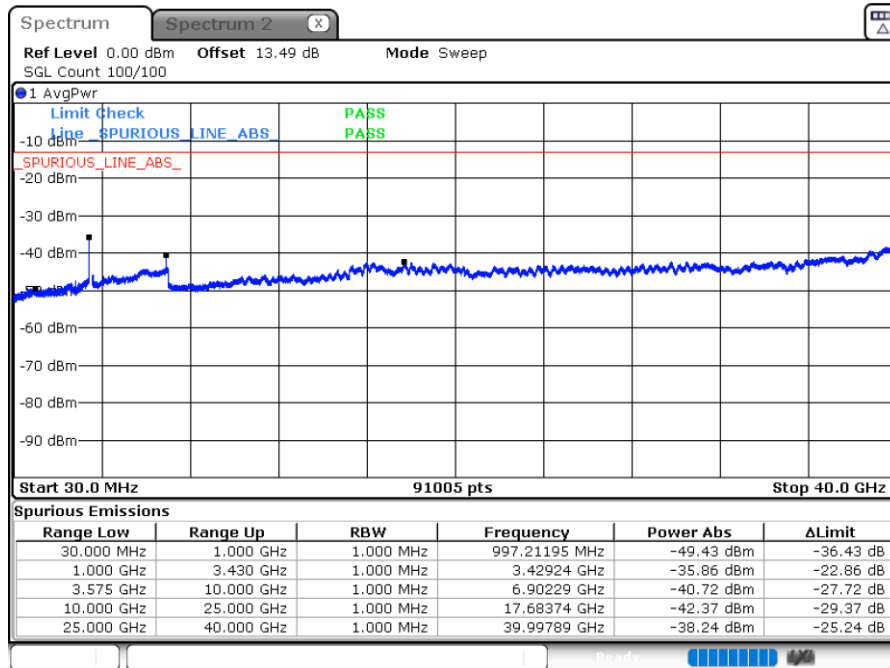
Highest Channel / 1RB1





FR1 n78 / 100MHz / DFT-S OFDM / QPSK

Middle Channel / 1RB1



Date: 25_MAR_2022 06:49:03

Frequency Stability

Test Conditions		FR1 n78 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 100MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0034	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0033	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0036	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	KuangJia/WenBo Xiao	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antenna combinations for EN-DC mode, we choose the worst antenna mode to test.

SA n78 / 100MHz / QPSK / ANT2								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6900	-51.70	-13	-38.70	-62.18	2.76	13.24	H
	10368	-60.73	-13	-47.73	-70.32	3.42	13.01	H
	13824	-60.51	-13	-47.51	-70.12	3.83	13.44	H
	6900	-57.14	-13	-44.14	-67.58	2.80	13.24	V
	10368	-61.05	-13	-48.05	-70.60	3.46	13.01	V
	13824	-60.84	-13	-47.84	-70.40	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_2A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT2(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6912	-62.12	-13	-49.12	-72.60	2.76	13.24	H
	10368	-59.24	-13	-46.24	-68.83	3.42	13.01	H
	13824	-58.91	-13	-45.91	-68.52	3.83	13.44	H
	6912	-62.28	-13	-49.28	-72.72	2.80	13.24	V
	10368	-59.93	-13	-46.93	-69.48	3.46	13.01	V
	13824	-59.07	-13	-46.07	-68.63	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_5A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT1(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6912	-62.33	-13	-49.33	-72.81	2.76	13.24	H
	10368	-59.72	-13	-46.72	-69.31	3.42	13.01	H
	13824	-59.22	-13	-46.22	-68.83	3.83	13.44	H
	6912	-62.12	-13	-49.12	-72.56	2.80	13.24	V
	10368	-60.07	-13	-47.07	-69.62	3.46	13.01	V
	13824	-59.11	-13	-46.11	-68.67	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_7A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT2(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6912	-62.12	-13	-49.12	-72.60	2.76	13.24	H
	10368	-59.93	-13	-46.93	-69.52	3.42	13.01	H
	13824	-59.34	-13	-46.34	-68.95	3.83	13.44	H
	6912	-62.35	-13	-49.35	-72.79	2.80	13.24	V
	10368	-60.22	-13	-47.22	-69.77	3.46	13.01	V
	13824	-59.23	-13	-46.23	-68.79	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_38A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT2(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6912	-57.05	-13	-44.05	-67.53	2.76	13.24	H
	10368	-59.88	-13	-46.88	-69.47	3.42	13.01	H
	13824	-59.29	-13	-46.29	-68.90	3.83	13.44	H
	6912	-61.83	-13	-48.83	-72.27	2.80	13.24	V
	10368	-60.04	-13	-47.04	-69.59	3.46	13.01	V
	13824	-59.15	-13	-46.15	-68.71	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_41A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT2(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6912	-56.91	-13	-43.91	-67.39	2.76	13.24	H
	10368	-59.69	-13	-46.69	-69.28	3.42	13.01	H
	13824	-58.91	-13	-45.91	-68.52	3.83	13.44	H
	6912	-62.19	-13	-49.19	-72.63	2.80	13.24	V
	10368	-60.13	-13	-47.13	-69.68	3.46	13.01	V
	13824	-59.06	-13	-46.06	-68.62	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

———— THE END ————